OFFICE OF ENVIRONMENTAL HEALTH HAZARD ASSESSMENT

Gavin Newsom, Governor Yana Garcia, Secretary for Environmental Protection Lauren Zeise, Ph.D., Director



MEMORANDUM

TO: Charlton H. Bonham, Director

California Department of Fish and Wildlife

715 P Street

Sacramento, California 95814

FROM: Lauren Zeise, Ph.D. Lauren Zeise

Director

DATE: November 2, 2022

SUBJECT: RECOMMENDATION TO CLOSE THE RECREATIONAL RAZOR CLAM

FISHERY IN DEL NORTE COUNTY

The Office of Environmental Health Hazard Assessment (OEHHA), in consultation with the California Department of Public Health (CDPH), has determined that consumption of razor clams taken from Del Norte County poses a significant threat for domoic acid exposure. OEHHA, in consultation with CDPH, therefore recommends that the recreational razor clam fishery be closed in Del Norte County. This recommendation is based on a finding of elevated levels of domoic acid in the meat of razor clams that were collected from this area and analyzed by CDPH laboratories, as shown in the table below.

Domoic acid poisoning in humans may occur within minutes to hours after consumption of affected seafood and can result in signs and symptoms ranging from vomiting and diarrhea to permanent loss of short-term memory (amnesic shellfish poisoning), coma, or death.

Current federal action levels for domoic acid are ≥ 20 parts per million (ppm) for all fish, with the exception of >30 ppm in the viscera of Dungeness crabs.

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The California Department of Fish and Wildlife, CDPH, and OEHHA will collect, monitor and analyze razor clams to determine when the recreational razor clam fishery in Del Norte County can be re-opened safely. The Oregon Department of Agriculture also has a closure in place for the recreational razor clam fishery from the Columbia River to the California border due to elevated domoic acid levels.¹

If you have questions, please contact me at <u>Lauren.Zeise@oehha.ca.gov</u> or Dr. Susan Klasing at <u>Susan.Klasing@oehha.ca.gov</u>.

Razor Clam Sampling Results

COUNTY	LOCATION	SAMPLE COLLECTION DATE	TISSUE TYPE	DOMOIC ACID (ppm)***
Del Norte	Crescent Beach	10/25/22	Meat*	21
			Meat*	30
			Meat*	26
			Meat**	20

^{*} Composite sample of four individual clams.

^{**} Composite sample of three individual clams.

^{***} The action level for razor clam meat is ≥ 20 ppm.

¹ Oregon Department of Agriculture: Shellfish - Recreational Shellfish Biotoxin Closures, online at https://www.oregon.gov/ODA/programs/FoodSafety/Shellfish/Pages/ShellfishClosures.aspx

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cc: Melissa Miller-Henson
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